KOROTKIKH, G.I.; CHUMAYEVSKAYA, M.A., kand.biolog.nauk; TERENT'YEVA, M.I., kand.biolog.nauk

Questions and answers. Zashch. rast. ot vred. i bol. 8 no.1: 44-45 Ja '63. (MIRA 16:5)
(Plants, Protection of)

KOROTKIKH, G.I.

Conference on aerosols in Prague. Zashch. rast. ot vred. i bol. 8 no.2:56-57 F '63. (MIRA 16:7)
(Spraying and dusting in agriculture—Congresses)

KOROTKIKH, G.I., kand.sel'skokhoz.nauk; POMAZKOV, Yu.I., mladshiy nauchnyy sotrudnik; SMOL'YANNIKOV, V.V.; VODOLAGIN, V.D., nauchnyy sotrudnik

Questions and answers. Zashch. rast. ot vred. i bol. 8 no.5: 42 My '63. (MIRA 16:9)

1. Nauchno-issledovatel'skiy institut sadovodstva nechernozemnoy zony (for Pomazkov). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut maslichnykh i efiromaslichnykh kul'tur (for Vodolagin).
(Plants, Protection of)

NIKIFOROV, A.M.; KOROTKIKH, G.I., kand.sel'skokhoz.nauk

Questions and answers. Zashch. rast. ot vred. i bol. 8 no.7:39 Jl '63. (MIRA 16:9)

GERASIMOV, B.A.; BRUDNAYA, A.A.; KOROTKIKH, G.I., kand.sel'skokhoz.nauk; NIKIFOROV, A.M., agronom-entomolog

Questions and answers. Zashch. rast. ot vred. i bol. 8 no.9: 39 S '63. (MIRA 16:10)

1. Nauchno-issledovatel'skiy institut ovoshchnogo khozyaystva, Moskovskaya oblast' (for Gerasimov).

PEYVE, Ya.V.; PETERBURGSKIY, A.V., doktor sel'khoz. nauk, prof.; GAR, K.A., kand. sel'khoz. nauk; GOLYSHIN, N.M., kand. biol. nauk; KOROTKIKH, G.I., kand. sel'khoz. nauk; CHESALIN, G.A., kand. sel'khoz.nauk; RAKITIN, Yu.V., doktor biol. nauk; ZEZYULINSKIY, V.M., kand. sel'khoz.nauk; DEVYATKIN, A.I., kand. sel'khoz. nauk; VENEDIKTOV, A.M., kand.sel'khoz. nauk; TARANOV, M.G., kand. biol. nauk; BORISOVA, L.G.; BEREZNIKOV, V.V., kand. tekhn.nauk; KONDRATENKO, R.V., st. nauchn.sotr.; BORISOV, F.B., st. nauchn.sotr.

[Chemistry in agriculture] Khimiia v sel'skom khoziaistve. Moskva, Kolos, 1964. 381 p. (MIRA 17:9)

1. Chlen-korrespondent AN SSSR (for Peyve). 2. Nachal'nik laboratorii Nauchno-issledovatel'skogo instituta plastmass (for Borisova). 3. Nauchno-issledovatel'skiy institut plastmass (for Kondratenko, Borisov).

KOROTKIKH, G.I., kand. sel'skokhoz. nauk

It is up to the chemists and machinery manufacturers. Zashch. rast. ot vred. i bol. 9 no.6c4-6 '64 (MIRA 17:7)

L 1463-66

ACCESSION NR: AP5012839 UR/0348/65/000/004/0053/0054
632.934.1

AUTHOR: Korotkikh, G.

TITLE: Aerosols and small area spraying

SOURCE: Zashchita rasteniy ot vrediteley i bolezney, no. 4, 1965, 53-54

TOPIC TAGS: agriculture, aerosol, insecticide, pesticide

ABSTRACT: This is a report of a conference held in Kishinev in November, 1964 under the auspices of the Ministerstvo proizvodstva i zagotovok sel'skokhozyaystvennykh produktov Moldavii (Ministry for the Production and Processing of Agriculture Products of Moldavia), the Institut sadovodstva, vinogradarstva i vinodeliya (Institute for Horticulture, Viniculture, and Wine Production) and the NTO sel'skogo khozyaystva (NTO of Agriculture), and attended by about 200 persons. Brief abstracts are given of communications by E. G. Goncharenko (Ministry for the Production and Processing of Agricultural Products, MSSR) on the use of artificial clouds to protect fruit trees, I. K. Makhnovskiy (Sredneaziatskiy institut lesnogo khozyaystva (Central Asian Institute for Forestry)) on the use of aerosols in Southern Kirghizia and their application from the air, A. S. Matviyevskiy (Mleyevskaya opytnaya stantsiya sadovodstva (Mleyev Horticultural Experiment Station)) on similar

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Card 2/3

L 1463-66
ACCESSION NR: AP5012839

need for expanding research into their preparation and application.

ASSOCIATION: None

SUBMITTED: 00 NO REF SOV: 000 SUB CODE: LS, GC

ENCL: 00 OTHER: 000

Card 3/3

KOROTKIKH, G. [deceased]

Aerosols and low-volume spraying. Zashch.rast.ot vred.i bol. 10 no.4:53-54 '65. (MIRA 18:6)

ACC NR: AP6019625 (A,N) SOURCE CODE: UR/0048/66/030/002/0319/0321

AUTHOR: Korotkikh, V.L.; Moskovkin,V.M.; Yudin,N.P.

ORG: Scientific Research Institute of Nuclear Physics, Moscow State University im. V.M.Lomonosov (Nauchno-issledovatel'skiy institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta)

TITLE: Quasi-stationary single-particle states in Pb-208 /Report, Fifteenth Annual Conference on Nuclear Spectroscopy and Nuclear Structure, held at Minsk, 25 January to 2 February 1965/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 2, 1966, 319-321

TOPIC TAGS: nuclear structure, nuclear energy level, lead, nuclear shell model, continuous spectrum

ABSTRACT: The authors have calculated the energies of 25 quasi-stationary neutron states and 26 quasi-stationary proton states in Pb^{208}, using the same parameters to describe the interaction potential well as did J. Blomqvist and S.Wahlborn (Arkiv fys., 16, No.46, 545 (1959)), and present them diagramatically. Somewhat over half of the calculated levels lie in the continuous spectrum, in the $7\hbar\omega$ and $8\hbar\omega$ neutron shells and the $6\hbar\omega$ and $7\hbar\omega$ proton shells. The energy of a quasi-stationary level was regarded as that at which the derivative of the scattering phase was maximum.

Card 1/2

KOROTKIKH, G.P.

Workers' alertness is of great help. Transp.stroi. 11 no.3:10 Mr '61. (MIRA 14:3)

1. Inzhener po trudu i zarabotnoy plate tresta Dneprotransstroy. (Construction workers)

BRASLAVSKIY, Aleksandr Petrovich; SHERGINA, Klavdiya Borisovna; Prinimali uchastiye: KAPITANOVA, N.P.; NURGALIYEV, S.N.; CHURAYEV, V.F.; KOROTKIKH, G.V.; KRASNOV, B.A.; KOVALEVA, I.F., red.

[Water losses by evaporation from reservoirs of the arid zone of Kazakhstan; based on the example of the Kengir Reservoir] Poteri vody na isparenie iz vodokhranilishch zasushlivoi zony Kazakhstana; na primere Kengirskogo vodokhranilishcha. Alma-Ata, Nauka, 1965. 225 p. (MIRA 18:10)

BRASLAVSKIY, Aleksandr Petrovich; SHERGINA, Klavdiya Borisovna; Prinimali uchastiye: KAPITANOVA, N.P.; KURGALIYEV, S.N.; CHURAYEV, V.F.; KOROTKIKH, G.V.; KRASNOV, B.A.; KOVALEVA, I.F., red.

[Water losses by evaporation from reservoirs of the arid zone of Kazakhstan; based on the example of the Kengir Reservoir] Poteri vody na isparenie iz vodokhranilishch zasushlivoi zony Kazakhstana; na primere Kengirskogo vodokhranilishcha. Alma-Ata, Nauka, 1965. 225 p. (MIRA 18:10)

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S/194/61/000/006/051/077
D201/D302

AUTHORS: Livenson, A.R. and Korotkikh, K.I.

TITLE: Apparatus for acting upon biological objects by pulsed microwaves

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 6, 1961, 6, abstract 6 E37 (Novosti med. tekhn., 1960, no. 1, 25-32)

TEXT: The apparatus (A) is intended for experimental work. The operating frequency of A is 3000 Mc/s, with a typical pulsed magnetron as generator. The HF pulse duration is 1 microsec., repetition frequency 0.7 - 700 c/s. Power is regulated in steps from 10 to 100% (40 - 50 kW). A milliameter in the anode circuit of the magnetron indicates the output power. The radiator consists of a pyramidal horn. The shape of pulses is nearly rectangular. The modulation is by means of transmission line discharge through a thyratron and a pulse transformer; the thyratron is fired by pulses from a 3-

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LIVENSON, A.R.; KOROTKIKH, K.I.

Apparatus for action on biological objects by impulse microwaves.
Nov. med. tekh. no. 1:25-32 '60. (MIRA 14:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh instrumentov i oborudovaniya.
(MICROWAVES—PHYSIOLOGICAL EFFECT) (ELECTRIC APPARATUS AND APPLIANCES)

KOROTKIKH, L.

27-58-5-18/18

AUTHOR: Moiseyev, M.; Korotkikh, L.; Gromadchenko, A.

TITLE: Information (Informatsiya)

PERIODICAL: Professional'no-Tekhnicheskoye Obrazovaniye, 1958, Nr 5, p 32-33 (USSR)

ABSTRACT: 1."Among the Future Mechanizers (U budushchikh mekhanizatorov)" praises the work of the Penza District Agricultural School Nr 2 (Kuznetsk). 2. Artisan School Nr 2 of Yaroslav and its equipment are described. There is a photograph. 3. Two photographs show students at the Technical School Nr 1 in Baku. 4. "Visits of Friendship" (Vizity druzhby) describes the visit of Chinese delegates headed by their Minister of Labor Chzhaotszy-tyan' to the Artisan School Nr 4 in Anfarsk. 5. "16 Certificates of Honour (16 pochetnykh gramot)". Describes the life of a young orphan Yu. Kovtun.

AVAILABLE: Library of Congress

Card 1/1 1. Education-Equipment 2. Biography 3. Agriculture

USCOMM-DC-54769

KOROTKIKH, M.V., inzh.

Mechanizatic" of fitting and assembling operations. Sbor. st. NIITIAZHMASHa Uralmashzavoda no.4:117-128 '64. (MIRA 17:12)

Korotkikh, N.V.

53-4-9/10

AUTHORS: Voznesenskiy, V.I., Korotkikh, N.V., Chernetskiy, A.V., Koporskiy A.S.

TITLE: Oscillographical Tubes for Rapidly Occurring Processes (Ostsillograficheskiye trubki dlya zapisi bystroprotekayushchikh protsessov)

PERIODICAL: Uspekhi Fiz. Nauk, 1957, Vol. 62, Nr 4, pp. 497-522 (USSR)

ABSTRACT: The present survey comprises the last decade; it comprises the main methods of oscillographics of processes taking place rapidly and also some characteristic problems on rapidly acting electron-beam tubes (for instance for the production of a thin electron-beam post-acceleration, etc.). The survey is arranged as follows: 1: The methods of velocity oscillography. The deflecting systems, the limitations of the usual deflecting systems for high frequency. 2: The electron beam tubes with deflecting system in form of a line with two conductions. 3: The electron beam tubes for the investigation of phenomena taking place rapidly with high efficiency. 4: Microoscillographical tubes. 5: Tubes with a reflecting system for a travelling wave. 6: The investigation of the ultrashort electronic blobs. 7: The diameter of the spot. 8: The velocity of registration. 9: The dependence of brightness on current density and on the accelerated voltage. 10: The constrast.

Card 1/2

KOROTKIKH, N.V.

AUTHORS: Konorskiy, A. S., Chernetskiy, A. V., Korotkikh, N. V., 53-4-6/11
Voznesenskiy, V. I.

TITLE: The Electronic Methods of the Production of Ultrashort Pulses (Elektronnyye metody generatsii sverkhkorotkikh impul'sov).

PERIODICAL: Uspekhi Fizicheskikh Nauk, 1957, Vol. 63, Nr 4, pp. 801-812 (USSR).

ABSTRACT: The present survey is arranged as follows: Introduction, the problems occurring in connection with the production of pulses by electronic methods (destruction of a "packet", excitation of the output device), the pulse generator of the klystron type, a tube with transversal deflection of the beam as generator for very short pulses, the combined generator, a pulse generator with magnetic deceleration; summary: The electron generators have a good future. Their main advantages are simplicity, stable operation, the possibility of producing very short pulses in a wide range of frequency. The fact that a present these devices are only rarely used may be explained by the novelty of the methods of electronic pulse production. They are still not known to a wide circle of specialists. Besides, the generators used at present are mostly of low efficiency and their applicability is limited. However, the development of the methods discussed here as well as of that

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KOROTKIKH, O.I.; UBEYKOBYLINA, T.D.; LEKSINA, L.I.

Survival of Leptospira in different pH of the medium.
Trudy TomNIIVS 14:83-85 '63. (MIRA 17:7)

1. Nauchnyy studencheskiy kruzhok pri kafedre mikrobiologii Tomskgo meditsinskogo instituta i Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.

KOROTKIKH, S. N.

25958 Korotkikh, S. N. K Diagnostike paranefrita. Sbornik nauch. rabot lecheb. uchrezhdeniy Mosk. Voyen. okr. Gor'kiy, 1948, s. 147-49.

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

KOROTKIKH, S. N.
LT COL

PA 63/49765

USSR/Medicine - Dynamic Constipation
Medicine - Methylene Blue May 49

"Intravenous Administration of Methylene Blue in Cases of Dynamic Constipation," Lt Col S. N. Korotkikh, Med Corps, 2½ pp

"Khirurgiya" No 5

Discusses results in detail, citing five cases histories, of subject treatment of dynamic constipation. Treatment in 14 cases produced positive results in eight cases after one injection and without enema, and in cases in which enema was given in conjunction

63/49765

USSR/Medicine - Dynamic Constipation (Contd) May 49

with the injection. Positive results were obtained in five cases after repeated injections but in one case there was no effect and an operation was necessary. In all cases of dynamic constipation after the administration of methylene blue, the general condition of the patient improved, pain decreased, and the patient expressed a desire to sleep.

63/49765

KOROTKIKH, T.I.

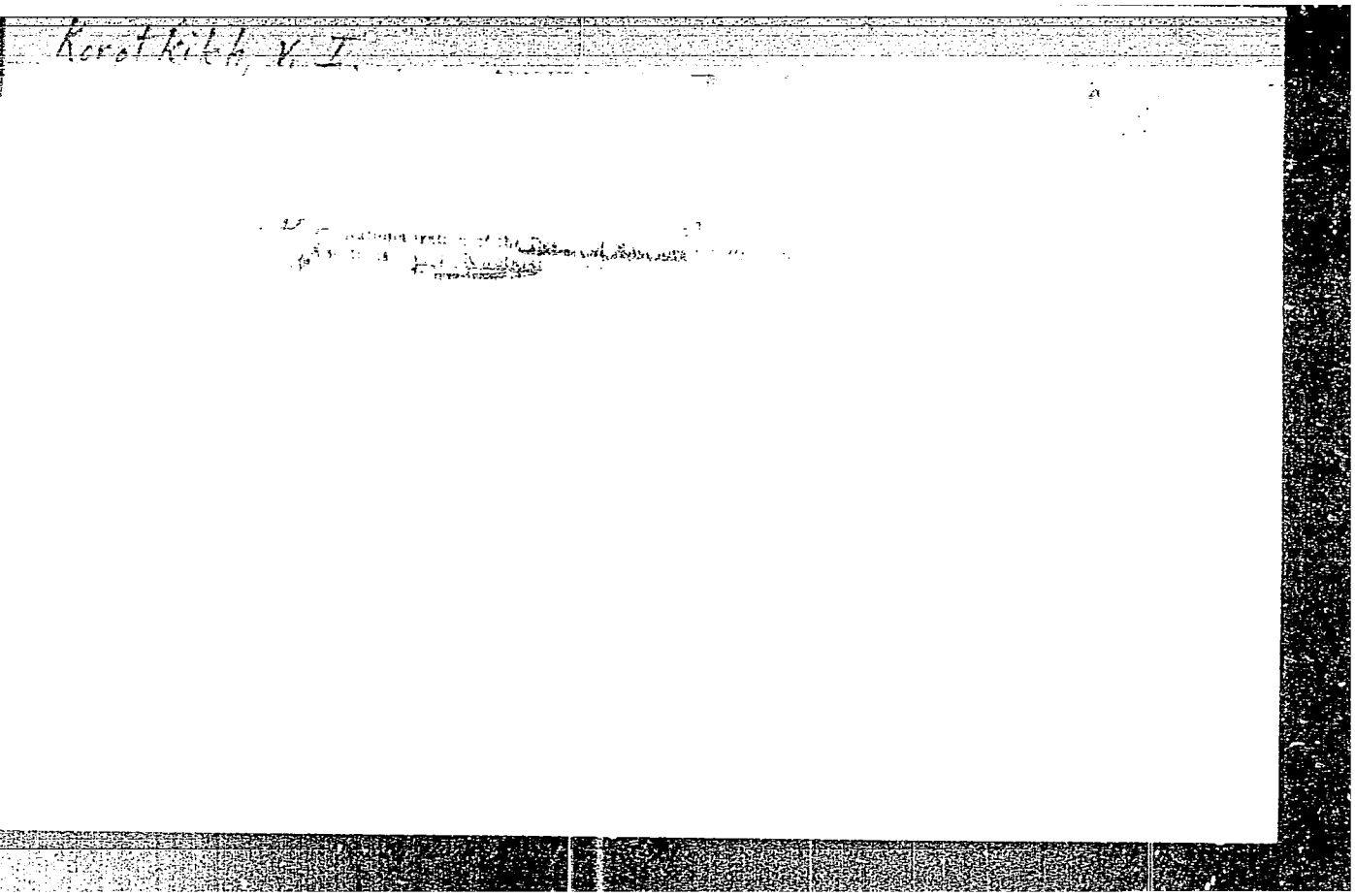
Protecting reindeer against gadflies and bloodsucking insects. (MLRA 6:5)
Veterinariia 30 no.5:51-52 My '53.

1. Moskovskaya stantsiya Vsesoyuznogo instituta zashchity rasteniy.

VORONOV, F.D.; BIGEYEV, A.M.; SARYCHEV, V.F.; GONCHAREVSKIY, Ya.A.; MILYAYEV, A.F.; VORONOV, V.F.; KOROTKIKH, V.F.

Operation of large-capacity open-hearth furnaces with sinter in place of ore in the charge and with the use of oxygen in the flame. Stal' 25 no.7:603-605 Jl '65. (MIRA 18:7)

1. Magnitogorskiy metallurgicheskiy kombinat i Magnitogorskiy gornometallurgicheskiy institut.



L 17854-63 EWT(m)/EDS AFFTC/ASD

ACCESSION NR: AP3003693 S/0048/63/027/007/0900/0902

AUTHOR: Kolesov, V.Ye.; Korotkikh, V.L.

TITLE: Characteristics of quasi-stationary levels of the continuum in the Woods-Saxon real potential for nuclei with A = 5 to 240 /Report of the Thirteenth Annual Conference on Nuclear Spectroscopy held in Kiev from 25 January to 2 February 1963/

SOURCE: AN SSSR, Izv.Seriya fizicheskaya, v.27, no.7, 1963, 900-902

TOPIC TAGS: single-particle level, residual interaction, Woods-Saxon potential

ABSTRACT: In recent years there have been several studies devoted to clarifying the role of residual interactions of nucleons. But to obtain quantitative results in considering residual interactions it is essential to know the location of the single-particle levels of the individual nucleon above the inert nuclear core. Information on the location of single-particle levels is commonly taken from experiment, but experimental data are lacking for many nuclei of interest. Hence these have been calculated, using reasonable values of the single-particle potential parameters. The method of calculation is described in an earlier paper by S.M. Yermakov, V.Ye.Kolesov and G.I.Marchuk (V sbornike "Neytronnaya fizika", p.314,

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L 17854-63
ACCESSION NR: AP3003693

2

Gosatomizdat, M.,1961). The results of the calculations are presented in the form of two graphics (Enclosures 01 and 02). "In conclusion, we express our sincere gratitude to V.V.Balashov for discussion of the work." Orig.art.has: 3 formulas and 2 figures.

ASSOCIATION: Nauchno-issledovatel'skiy institut yadernoy fiziki Moskovskogo gos. universiteta im.M.V.Lomonosova (Scientific-Research Institute of Nuclear Physics, Moscow State University)

SUBMITTED: 00 DATE ACQ: 02Aug63 ENCL: 02

SUB CODE: NS, PH NO REF SOV: 005 OTHER: 001

Card 2/4

L 17869-63 EWT(m)/BDS AFFTC/ASD

ACCESSION NR: AP3003694 S/0048/63/027/007/0903/0906

AUTHOR: Kolesov, V.Ye.; Korotkikh, V.L.; Malashkina, V.G. 55 54

TITLE: Elastic scattering of neutrons from O^{16} and C^{12} /Report of the Thirteenth Annual Conference on Nuclear Spectroscopy held in Kiev from 25 January to 2 February 1963/

SOURCE: AN SSSR, Izv.Seriya fizicheskaya, v.27, no.7, 1963, 903-906

TOPIC TAGS: neutron scattering, scattering phase, scattering cross section, optical model, O^{16}, C^{12}

ABSTRACT: The hypothesis that the interaction of neutrons with O^{16} and C^{12}, which have closed shells, can be described by a unique potential can be checked by comparing the results of scattering calculations with experimental results. Usually such "tests" consist in trying to find potential parameters that will yield a fit to the experimental curves. In the range of low energies, where the scattering is elastic, one can use the real potential, in which case one must take into account spin-orbit interaction and smearing out of the potential boundaries. In the calculations of I.L.Fowler and H.O.Cohn (Phys.Rev.,109, 39, 1958) and Y.Akiyma (Prog. Theor.Phys.,23,, 903, 1960) the potential was taken in the form of a square well with exponential boundaries and in the form of two conjugated parabolas, respective-

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ly. In the present calculations the diffuseness of the potential boundary was taken into account using the Woods-Saxon potential, frequently employed in conjunction with the optical model. The effect of the value of the diffusion parameter was also considered. The potential of the interaction of a low-energy neutron with a O^{16} or C^{12} nucleus was taken in the form

where $V(r) = -\frac{V_0}{1+\exp\left\{\frac{r-R}{a}\right\}}$, $U(r) = V(r) - \varkappa\frac{1}{r}\frac{dV(r)}{dr}\cdot\frac{\hat{l}\hat{\sigma}}{\hbar^2}$,

in the radial variation of the Woods-Saxon potential. The calculations were carried out with the aid of a "Strela" computer. The results are presented in the form of curves for the scattering cross section and scattering phase versus energy and are juxtaposed with the corresponding experimental data. The theoretical $s_{1/2}$ and $d_{3/2}$ phases agree with the experimental in a certain neutron energy range; the divergences at some energies are explained by interference effects. On the whole, scattering calculated on the basis of the Woods-Saxon potential, taking into account spin-orbit interaction, allows of explaining the observed decrease of neutron scattering cross section for O^{16} and C^{12} with rising neutron energy, and the positions and characteristics of the single-particle quasi-stationary levels. "In conclusion, we express our sincere gratitude to V.V.Balashov for discussion and aid in work."

Card 2/3

ASSOCIATION: Scientific-Research Inst. of Nuclear Physics, Moscow St. Un.

BALASHOV, V.V.; DOLESHAL, P.; KORENMAN, G.Ya.; KOROTKIKH, V.L.; FETISOV, V.N.

Effect of "shape resonances" on channel coupling in nuclear reactions. IAd. fiz. 2 no.4:643-656 O '65. (MIRA 18:11)

1. Institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta.

KHMELEV, G.Ye., slesar'; KOROTKIKH, V.M., slesar'

Portable device for checking the operation of automatic cab signaling equipment. Elek. i tepl. tiaga 7 no.6:17 Je '63. (MIRA 16:9)

1. Depo Sverdlovsk-Sortirovochnyy.
(Railroads--Electric equipment) (Railroads--Signaling)

KOROTKIKH, V. P.

Dissertation: "The Clinical Course and Treatment of Fractures of the Ribs." Cand Med Sci, Second Moscow State Medical Inst imeni I. V. Stalin, 28 Jun 54. (Vechernyaya Moskva, Moscow, 18 Jun 54)

SO: SUM 318, 23 Dec. 1954

KOROTKIKH, V.P., kand.med.nauk

Treatment of peritonitis with antibiotics. Khirurgiia 35 no.4:74-78 Ap '59. (MIRA 12:8)

1. Iz sovetskoy bol'nitsy Krasnogo Kresta v g.Addis-Abeba.
(PERITONITIS, ther.
penicillin, streptomycin & tetracycline (Rus))
(PENICILLIN, ther. use
peritonitis (Rus))
(STREPTOMYCIN, ther. use
peritonitis (Rus))
(TETRACYCLINE, ther. use
peritonitis (Rus))

KOROTKIKH, Ye. I.

Fertilizers and Manures

Plenary session of the section on fertilizers, Sov. agron., 10 No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July 1952, Uncl.

1. SAMOYLOV, I.; KOROTKIKH, Ye. I.

2. USSR (600)

4. Soils

7. Resolution on problems of the current status and further tasks of soil science. Sov. agron. 11, No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

L 07276-67 EWT(m)/EWP(1) RM/WW
ACC NR: AP6030112 (N) SOURCE CODE: UR/0421/66/000/004/0076/0080

AUTHOR: Korotkin, A. I. (Leningrad)

ORG: none

TITLE: Stability of the laminar boundary layer in an incompressible liquid with variable physical properties

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 4, 1966, 76-80

TOPIC TAGS: boundary layer theory, fluid flow, incompressible fluid

ABSTRACT: The article starts with a study of the effect of varying kinematic viscosity on the stability of the boundary layer with respect to Tollmin-Schlichting waves, under conditions of constant density of the liquid. There are two possible approaches to the study of fully developed turbulence in a nonhomogeneous liquid. On the one hand, it can be assumed that displacements of the particles of a liquid do not cause changes in the distribution of $\rho(y)$ and $\nu_*(y)$, that is, that pulsations of the velocity are not accompanied by pulsations of ρ and ν_*. In the second case, it can be assumed that a particle of liquid, moving from layer 1 into layer 2, retains completely the properties which it had in layer 1. In this case, naturally, pulsations of the velocity will cause pulsations of the values of ρ and ν_*. Actually, the phenomenon develops by some intermediate mechanism, since during displacement in a

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L 33760-66 EWT(1)/EWP(m) WW

ACC NR: AP6010838 (N) SOURCE CODE: UR/0421/66/000/001/0032/0036

AUTHOR: Alekseyev, Yu. N. (Leningrad); Korotkin, A. I. (Leningrad)

ORG: none

53

B

TITLE: Influence of the transverse velocity of the flow in an incompressible boundary layer on the instability of the laminar state of the flow

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 1, 1966, 32-36

TOPIC TAGS: incompressible boundary layer, boundary layer flow, laminar flow, laminar boundary layer, boundary layer stability, flow velocity, transverse flow, Reynolds number, incompressible flow

ABSTRACT: The stability of the laminar boundary layer is investigated, taking into account transverse velocity components in the flow arising from a small amount of pumping that causes mass outflow from the layer. The analysis is carried out for the case of incompressible flow for such models as boundary layer flows with partial removal of the mass at constant rate at the lower boundary of the profile. It is shown that above a critical transverse velocity the flow remains stable for all Reynolds numbers. In contrast to the analysis where transverse flow is neglected, the stability region is finite and is bounded by lower and upper critical Reynolds numbers. The instability region diminishes with the increase in the transverse velocity. The analysis can be used to determine the amount of pumping for various profiles needed to insure laminar

Card 1/2

L 33760-66
ACC NR: AP6010838

flow; results for one special profile have been obtained and are discussed. Orig. art. has: 14 formulas, 5 figures.

SUB CODE: 20/ SUBM DATE: 28Jul65/ ORIG REF: 001/ OTH REF: 005

Card 2/2 BLG

KOROTKIN, A.I. (Leningrad)

Stability of plane Poiseuille flow in the presence of elastic boundaries. Prikl. mat. i mekh. 29 no.6:1122-1127 N-D '65. (MIRA 19:2)

1. Submitted March 15, 1965.

L 38208-66 EWT(1)/EWP(m)/EWT(m)/T WW/DJ/RM

ACC NR: AP6020723 SOURCE CODE: UR/0421/66/000/003/0039/0044

AUTHOR: Korotkin, A. I. (Leningrad)

ORG: none

TITLE: Stability of a laminar boundary layer on a flexible surface in an incompressible fluid

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 3, 1966, 39-44

TOPIC TAGS: hydrodynamics, laminar boundary layer, incompressible boundary layer, boundary layer stability

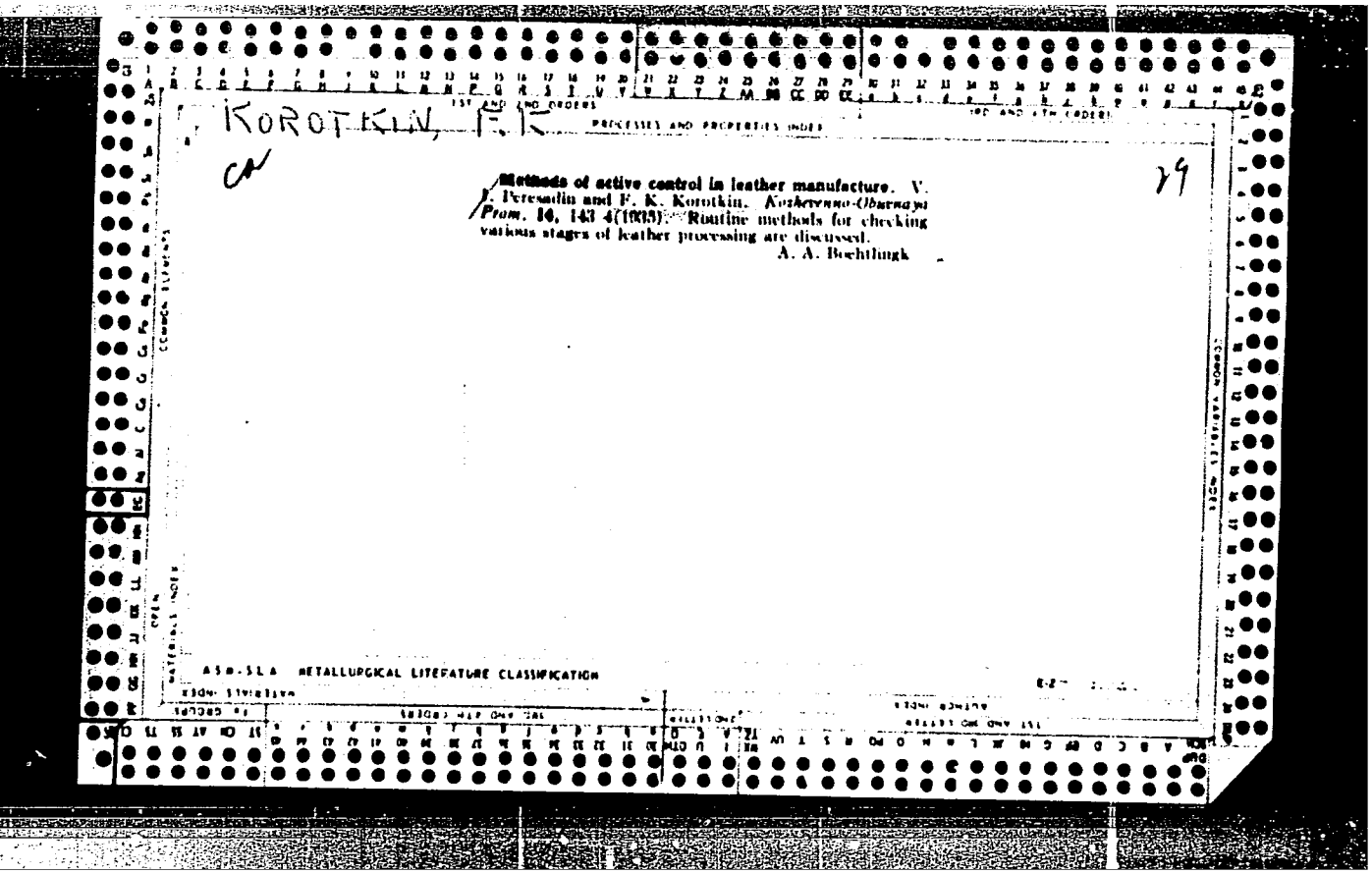
ABSTRACT: The problem of interaction between a flexible surface and perturbations arising in a boundary layer is analyzed. Since the proximity of methods of solving problems of the hydrodynamic stability of a laminar boundary layer leads to differences in final calculation formulas, data by several authors on the stability of a boundary layer on a solid surface are compared, and the formulas used for their calculations are generalized to a flexible surface. Using two determinate equations to replace the complex equation for the boundary layer on a solid surface, a comparison of neutral stability values obtained by different authors showed a high correlation with experimentally derived data; thus, the calculation method used was found to be expandable to the case of flexible surfaces. Applying the equivalent of two determinate equations to the complex equation for the stability of a laminar

Card 1/2

Card 2/2

KOROTKIN, A.M.

New device for unloading round timber from gondola cars. Stroi. prom.32 no.2:43-44 F '54. (MLRA 7:2)
(Loading and unloading)



KOROTKIN, F. K.

Methods of active control in leather manufacture. V. P. Peresadin and F. K. Korotkin. *Kozhevenno-Obuvnaya Prom.* 14, 143 4(1935).—Routine methods for checking various stages of leather processing are discussed.
A. A. Boehtlingk

79

A S M - S L A METALLURGICAL LITERATURE CLASSIFICATION

KOROTKIN, F. K.

Russian sandal leather from pigskin. Prom.koop. 14 no.2:21 F '60. (MIRA 13:5)

1. Tekhnoruk artели "Koshmekh," g.Tomsk.
(Leather)

KOKOTKIN, I.I.; SUSLOVA, M.M.

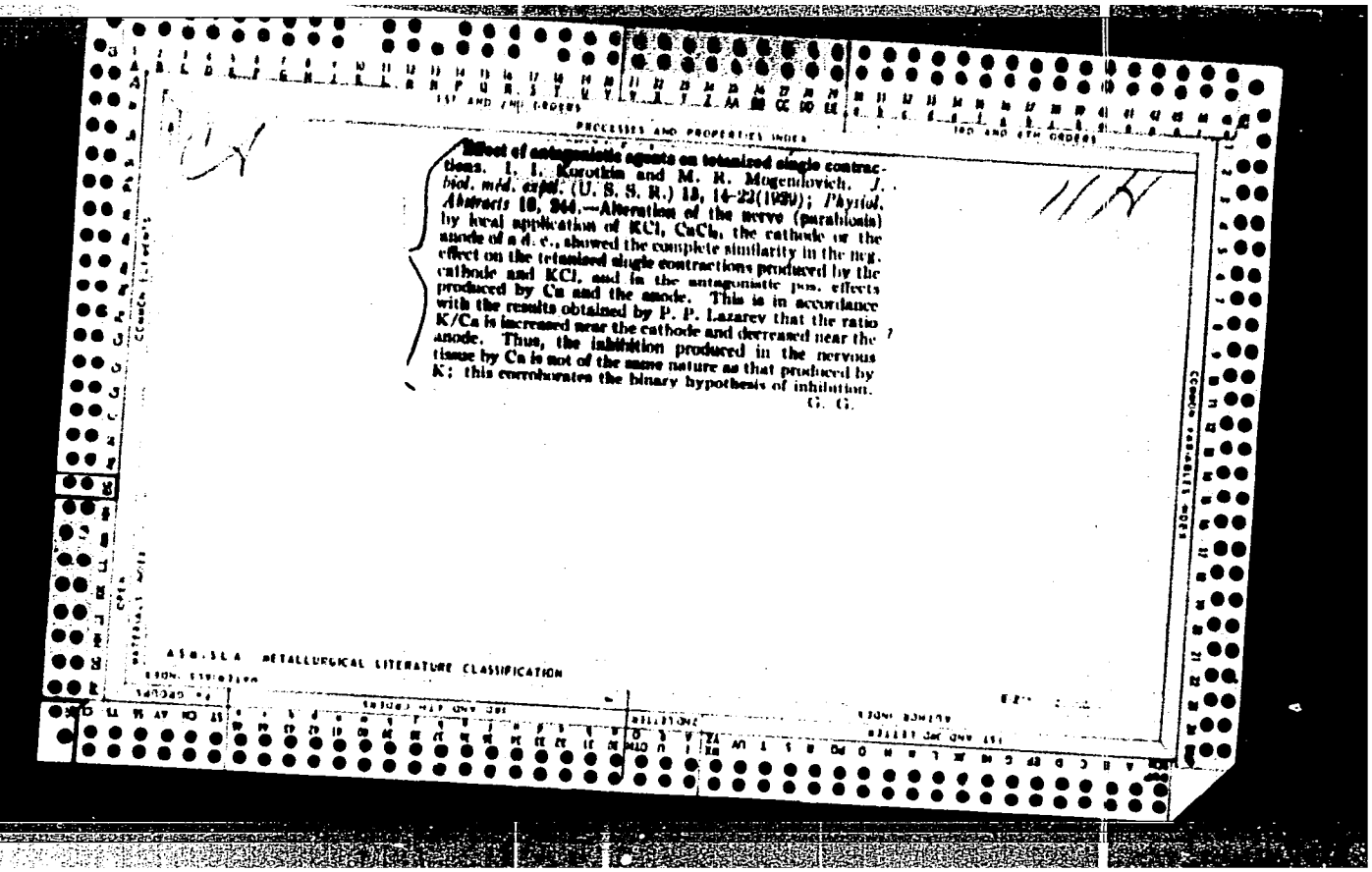
Materials of further study of the dynamic localization of conditioned inhibition induced by suggestion in hyponsis. Zhur. vys. nerv. deiat. 15 no.1:53-60 Ja-F '65. (MIRA 18:5)

1. Laboratoriya fiziologii i eksperimental'noy patologii vysshey nervnoy deyatel'nosti Instituta fiziologii im. I.P. Pavlova AN SSSR.

KOROTKIN, I.I.

Changes in the higher nervous activity evoked by the visualization of a given image. Zhur.vys.nerv.deiat. 14 no.6:937-946 N-D '64. (MIRA 18:6)

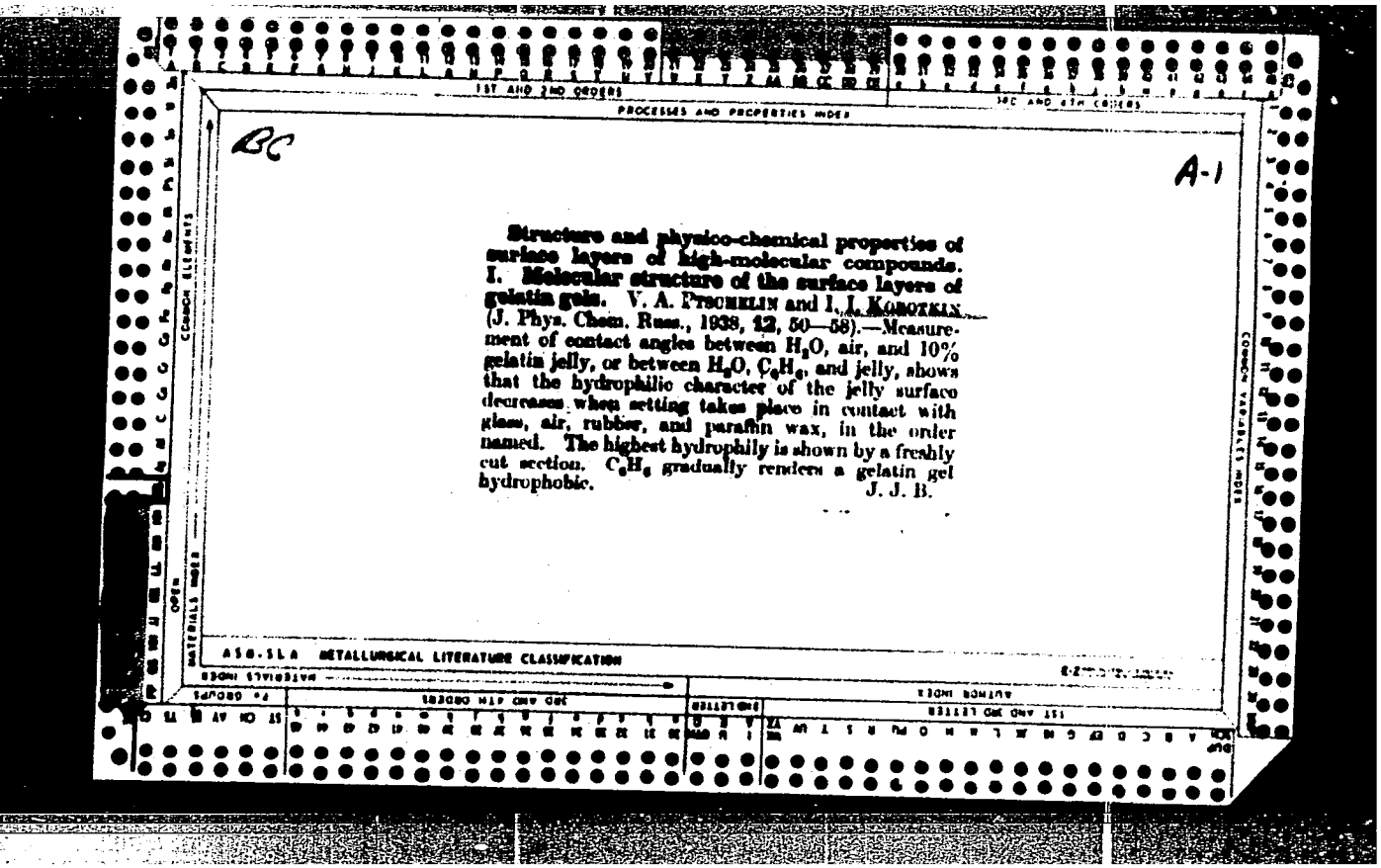
1. Laboratoriya fiziologii i eksperimental'noy patologii vysshey nervnoy deyatel'nosti Instituta fiziologii im. I.P.Pavlova AN SSSR, Leningrad.



PROCESSES AND PROPERTIES INDEX

Effect of antagonistic agents on tetanized single contractions. I. I. Kurotkin and M. R. Mugenlovich. *J. biol. méd. expl.* (U. S. S. R.) **13**, 14-22(1939); *Physiol. Abstracts* **18**, 944.—Alteration of the nerve (parabiosis) by local application of KCl, $CaCl_2$, the cathode or the anode of a d. c., showed the complete similarity in the neg. effect on the tetanized single contractions produced by the cathode and KCl, and in the antagonistic pos. effects produced by Ca and the anode. This is in accordance with the results obtained by P. P. Lazarev that the ratio K/Ca is increased near the cathode and decreased near the anode. Thus, the inhibition produced in the nervous tissue by Ca is not of the same nature as that produced by K; this corroborates the binary hypothesis of inhibition.
G. G.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



BC

A-1

Structure and physico-chemical properties of surface layers of high-molecular compounds. I. Molecular structure of the surface layers of gelatin gels. V. A. Pshchelin and I. I. Kobotkin (J. Phys. Chem. Russ., 1938, **12**, 50—58).—Measurement of contact angles between H_2O, air, and 10% gelatin jelly, or between H_2O, C_6H_6, and jelly, shows that the hydrophilic character of the jelly surface decreases when setting takes place in contact with glass, air, rubber, and paraffin wax, in the order named. The highest hydrophily is shown by a freshly cut section. C_6H_6 gradually renders a gelatin gel hydrophobic.

J. J. B.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

KOROTKIN, I. I.

"On the Physiological Mechanism of Acustic After-Illusion Relating to Frequency of Rhythm in Man," Zhur. Fiz., Vol.28, No.1, pp 43-57, 1940.

Lab. Physiology and Pathology of Higher Nervous Activity in Man (Head: Prof. F.P. Meyerov), I.P.Pavlov Biological Station (Dir.: Acad. L.A.Orbeli).

also on pp. 58-72

KOROTKIN, I. I.

"Further Studies on the Physiological Mechanism of Acoustic After-Illusion of Rhythm-Frequency in Humans," Zhur. Fiz., Vol. 28, No. 5, pp 411-420, 1940

"On the Dynamics of Induction Relations in the Cerebral Cortex, Involved in the Phenomenon of Acoustic Illusion of Rhythm Frequency," ibid., pp 421-430, 1940

Lab. for the Physiology and Pathology of Higher Nervous Activity in Man (Head: Prof. F.P.Mayorov), the I.P.Pavlov Biological Station (Dir: Acad. L.A.Orbeli)

KOROTKIN, I. I.

Aug 1947

USSR/Medicine - Ears
Medicine - Hearing

"Subsensory Reflexes in Ear Irritations," G. V. Gershuni, I. I. Korotkin, Lab Physiol Sensory Organs, Physiol Inst imeni I. P. Pavlov, Acad Sci USSR. 4 pp

"Dok Akad Nauk SSSR, Nova Ser" Vol LVII, No 4

Describes experiments conducted to determine whether it is possible to have conditional-reflex reactions when conditional signal lies lower than sensory threshold and irritation is not perceived by subject. States that results could not be confirmed. Submitted by Academician L. A. Orbeli, 13 Feb 1947.

PA 53T57

KOROTKIN, I. I.

PA 58T62

USSR/Medicine - Hearing
Medicine - Reflex, Aural

Aug 1947

"Certain Reactions Which Promote the Development of Subsensory Reflex Conditions Into Sound Irritations," I. I. Korotkin, Lab Physiol Sensory Organs, Physiol Inst imeni I. P. Pavlov, Acad Sci USSR, 3 pp

"Dok Akad Nauk SSSR, Nova Ser" Vol LVII, No 5

Describes experiments which lead to conclusion that reactions in human nerve system caused by changes of aural sensitivity set up conditions favorable for development of subsensory reflex conditions. Submitted by Academician L. A. Orbeli, 13 Feb 1947.

58T62

KOROTKIN, I. I.

"Hydrogen Sulfide Apparatus for Vitamin Extraction," Dig. i San., No.2, 1948

Epidemic Sanitation Unit, Okrug.

KOROTKIN, I. I.

"Variations of Motor Chronaxie at the Time of Birth in Two Ensygotic Twins," Fiziol. zhur., 34, No.2, 1948

KOROTKIN, I. I.

"Physiotherapeutic Methods of Treating Gynecological Diseases Under the Conditions of Medical Assistant and Midwife Practices," Fel'dsher i Akusher, No.4, 1949

KOROTKIN, I. I.

24262 KOROTKIN, I. I. K metodike izucheniya migatel'nykh uslovnykh reflekscv u cheloveka. Fiziol. zhurnal SSSR im. Sechenova, 1949, No. 4, 467-71. Bibliogr: 9 Nazv.

SO: Letopis, No. 32, 1949.

KOROTKIN, I.I.

[Correlation between the subjective and objective in formation of conditioned reflexes in man] O sootnoshenii mezhdu sub"ektivnym i ob"ektivnym pri obrazovanii uslovnogo refleksa u cheloveka. Tr. Fiziol. laborat. Pavlova no.16:5-18 '49. (CIML 19:1)

1. Of the Institute of Evolutionary Physiology and Pathology of Higher Nervous Activity imeni Academician I.P.Pavlov of the Academy of Medical Sciences USSR (Director -- Academician L.A.Orbeli).

KOROTKIN, I.I.

[Effects of certain cortical processes to the perception of conditioned stimulants; the influence of consecutive inhibition on the perception of a sound conditioned stimulant] O vliianii nekotorykh korkovykh protsessov na vospriiatie uslovnykh razdrazhitelei; vliianie posledovatel'nogo tormozheniia na vospriiatie zvukovogo uslovnogo razdrazhitelia. Tr.Fiziol.laborat.Pavlova 16:19-34 '49.(CLML 19:1)

1. Of the Institute of Evolutionary Physiology and Pathology of Higher Nervous Activity imeni Academician I.P.Pavlov of the Academy of Medical Sciences USSR (Director -- Academician L.A.Orbeli).

KOROTKEN, P. T.

25640

Ikhtiofauna Vodoemov Sistemy Protoui Trudy in-ta Gidrobiologii (Adad Nauk Ukr SSR), No. 24, 1949, s. 32-40. - Na Ukr. Yaz. - Rezyume Na Rus. Yaz. - Bibliogr: 7 Nazv.

SO: LETOPIS No. 34

KOROTKIN, I.I.; SUSLOVA, M.M.

Higher nervous function test in somnambulic phase of hypnosis. Zh. vyashei nerv. deiat. Pavlova 1 no.4:617-622 July-Aug 1951. (CIML 23:2)

1. Laboratory of the Physiology and Pathology of Higher Nervous Activity, Institute of Physiology imeni I. P. Pavlov, Academy of Sciences USSR.

KOROTKIN, I.I.; MAYOROV, F.P., zaveduyushchiy.

Effect of stimulus-words as conditioned inhibitors in wakeful and hypnotic states. Trudy Inst.fiziol. 1:345-355 '52. (MLRA 6:8)

1. Laboratoriya fiziologii i patologii vysshney nervnoy deyatel'nosti. (Association of ideas)

Translation No. 493, 5 Dec 53

KOROTKIN, I.I.; SUSLOVA, M.M.

Investigation of the higher nervous function during the somnambulant phase of hypnosis at various depths of hypnotic sleep. Fiziol.zhur. 39 no.4:423-431 Jl-Ag '53. (MLRA 6:8)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti Instituta fiziologii imeni I.P.Pavlova Akademii nauk SSSR.
(Hypnosis) (Nervous system)

KOROTKIN, I.I.; SUSLOVA, M.M.

Some characteristics of the correlation of the signal systems, in hypnosis and in the posthypnotic state. Zhur.vyssh. nerv. deiat. 5 no.4:511-519 Jl-Ag '55. (MLRA 8:11)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR.
(HYPNOSIS,
cerebral cortex signal systems in)
(CEREBRAL CORTEX, physiology,
signal systems in hypnosis)

KOROTKIN, I.I.; SUSLOVA, M.M.

Data on the neural mechanism of posthypnotic conditions in hysteria.
Zhur. vys. nerv. deiat. 5 no.5:697-707 S-O '55. (MLRA 9:1)

1. Laboratoriya fiziologii i patologii vysshey nervnoi deyatelnosti Instituta fiziologii im. I.P. Pavlova Akademii nauk SSSR.
(HYSTERIA, therapy,
hypnosis, eff. on higher nervous funct.)
(CENTRAL NERVOUS SYSTEM, in various diseases,
hysteria, eff. of hypnosis on higher nervous funct.)
(HYPNOSIS, therapeutic use,
hysteria, eff. on higher nervous funct.)

Korotkin I. I.

USSR/ Medicine - Physiology

Card 1/1 Pub. 22 - 47/49

Authors : Korotkin, I. I., and Suslova, M. M.

Title : About the physiological mechanism of the inhibiting effect of stimuli forcefully eliminated during hypnosis

Periodical : Dok. AN SSSR 102/1, 189-192, May 1, 1955

Abstract : The higher nervous activities of humans were investigated during the hypnotic and post hypnotic state to determine the physiological mechanism of the inhibiting effect of stimuli forcefully eliminated during the state of hypnosis. Results obtained are described. One USSR reference (1949). Graphs.

Institution : Acad. of Sc., USSR, Inst. of Physiology im. I. P. Pavlov

Presented by : Academician K. M. Bykov, January 15, 1955

KOROTKIN, I.I., SUSLOVA, M.M.

Investigation of the nerve mechanism engaged in hypnotic suggestions. Dokl. AN SSSR 105 no.2:384-386 '55. (MLRA 9:3)

1. Institut fiziologii imeni I.P. Pavlova Akademii nauk SSSR. Predstavlene akademikom K.M. Bykovym.
(HYPNOTISM)

KOROTKIN, I.I.; SUSLOVA, M.M.

Changes in conditioned and unconditioned reflexes during suggestive states in hypnotism. Trudy Inst.fiziol. 5:267-277 '56. (MLRA 10:1)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti Zaveduyushchiy - P.P.Mayorov.
(HYPTOTISM) (REFLEXES) (CONDITIONED RESPONSE)

KOROTKIN, I.I.; SUSLOVA, M.M.

Changes in the higher nervous activity in hypnosis with verbal opposition to a conditioned stimulus. Trudy Inst.fiziol. 5:278-287 '56. (MLRA 10:1)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti. Zaveduyushchiy - P.P.Mayorov.
(HYPNOTISM) (CONDITIONED RESPONSE)

EXCERPTA MEDICA Sec.2 Vol.10/10 Phy.Biochem. Oct 57

KOROTKIN I.I.

4407. KOROTKIN I.I. and SUSLOVA M.M. *The changes in the conditioned and unconditioned reflexes after suggestion in the second phase of hypnosis (Russian text) Ž. VYSČ. NERV. DEJATEL. 1956, 6/3 (370-377) Graphs 14

The results of investigations into the changes in higher nerve activity during post-hypnotic conditions following the second phase of hypnosis are reported. Investigations with conditioned and unconditioned reflexes were made in 12 hysterical patients and 1 normal subject, in whom positive inhibitory reflexes were provisionally formed. Changes in conditioned and unconditioned reflexes were found to be considerably less marked during the second hypnotic phase than during the somnambulist phase. As a result of radiation of the cortical process from unconditioned to conditioned reflexes the changes in the latter were more rapid than in the former. A characteristic feature was the predominance of inhibitory radiation over concentration. The effect of suggestion on the signalling systems was irregular,

4407 CONT.

suggestion predominating in the first signalling system due to insufficien inhibition of the second signalling system. The physiological mechanism is identical with that involved in somnambulism, which is based on the chronological connection with the subsequent conditioned reflex. Dimitrijevic - Sarajevo (VIII, 2)

KOROTKIN, I.I.; KRAYEVSKIY, Ya.M.

Investigating the higher nervous activity in patients with brain lesions following sleep therapy. Trudy Inst. fiziol. 7:177-184 '58. (MIRA 12:3)

1. Sektor nevrozov i organicheskikh zabolevaniy nervnoy sistemy (zav. - N.A. Kryshova) i Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zav. - K. P. Mayorov) Instituta fiziologii im. I.P. Pavlova AN SSSR.
(BRAIN--WOUNDS AND INJURIES)
(SLEEP--THERAPEUTIC USE)

KOROTKIN, I.I.; PLESHKOVA, T.V.

Difficulties in developing some forms of conditioned inhibition in neurotics with phobic syndromes. Trudy Inst. fiziol. 7:185-191 '58. (MIRA 12:3)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zav. - F. P. Mayorov). Instituta fiziologii im. I.P. Pavlova AN SSSR.
(NEUROSES) (INHIBITION)

EXCERPTA MEDICA Sec 2 Vol 12/2 Physiology Feb 59

874. INVESTIGATION OF POST-HYPNOTIC CHANGES IN CONDITIONED AND UNCONDITIONED REFLEXES RESULTING FROM SUGGESTION MADE IN THE FIRST PHASE OF THE HYPNOSIS (Russian text) - Korotkin I. I. and Suslova M. M. Lab. of Physiol. and Pathol. of Higher Nerv. Activity, Pavlov Inst. of Physiol., USSR Acad. of Scis, Leningrad - ZH. VYSSH. NERV. DEYAT. 1957, 7/6 (889-897) Graphs 5 Tables 1

This is the third in the series of articles on the investigation of post-hypnotic changes in conditioned and unconditioned reflexes at different phases of hypnosis. Ten patients suffering from hysteria and neurasthenia were investigated on their conditioned and unconditioned eye-lid reflexes and their changes after suggestion made during the first phase of hypnosis. After testing the reflexes in a state of vigilance the patients were placed under hypnosis and were given special suggestions. After 20-30 min. of hypnotic sleep, the same reflexes were investigated in the post-hypnotic state. The investigations have shown the following: The suggestion of the absence of the conditioned or unconditioned stimuli or changes in their intensity, as well as the suggested inhibition of the eye-lid reflexes, made in the first phase of the hypnosis, is effected in the post-hypnotic state in a smaller number of cases and to a considerably lesser degree than the same suggestion made in the second and, so much the more, in the third phases of the hypnosis. Post-hypnotic inhibition of conditioned and unconditioned reflexes, as a result of a suggestion, made in the first phase of the hypnosis, does not appear immediately after the first suggestion; its effect gradually increases under repeated suggestions. At the same time one can observe the irradiation and inertness of the process of inhibition. The inhibited reflex is renewed only after repeated suggestions. Under suggestions aimed at inhibition of the unconditioned eye-lid reflex the corresponding conditioned reflex is inhibited at the first attempt. The degree of carrying out the suggestions, aimed at changing the conditioned and unconditioned eye-lid reflexes is not always in accordance with the depth of the hypnotic sleep. With a considerable part of the patients suggestions aimed at changing the conditioned and unconditioned eye-lid reflexes after the first phase of the hypnosis, are not effected at all in the post-hypnotic state. In most cases in the first phase, the hypnotic suggestions are effected unequally in the first and the second signal systems (Pavlov). The physiological mechanism of carrying out the suggestions in the first phase of the hypnosis is the same as that of the second and third phases. (VIII, 2)

KOROTKIN, I.I.

Studies on conditioned inhibition induced in hypnosis in response to words of known and unknown meaning. [with summary in English]. Zhur.vys.nevr. deiat. 8 no.6:820-827 N-D '58 (MIRA 12:1)

1. Laboratory of Physiology and Pathology of the Higher Nervous Activity Pavlov Institute of Physiology, USSR Academy of Sciences, Leningrad.
(REFLEX, CONDITIONED, RESPONSE,
conditioned inhib. induced in hypnosis to known & unknown verbal stimuli (Rus))
(HYPNOSIS,
same (Rus))
(SPEECH,
same (Rus))

KOROTKIN, I.I.

Localization of conditioned inhibition. Nauch. soob. Inst. fiziol. AN SSSR no.1:32-34 '59. (MIRA 14:10)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zav. - F.P.Mayorov) Instituta fiziologii imeni Pavlova AN SSSR.
(CONDITIONED RESPONSE) (BRAIN--LOCALIZATION OF FUNCTIONS)

KOROTKIN, I.I.; SUSLOVA, M.M.

Localization of conditioned inhibition during hypnotic suggestion. Nauch. soob. Inst. fiziol. AN SSSR no.1:35-37 '59 (MIRA 14:10)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zav. - F.P.Mayorov) Instituta fiziologii imeni Pavlova AN SSSR.
(CONDITIONED RESPONSE) (HYPNOTISM)
(BRAIN—LOCALIZATION OF FUNCTIONS)

KOROTKIN, I.I.; SUSLOVA, M.M.

Dynamics of cortical processes in suggestion for a given period. Trudy Inst.fiziol. 8:51-59 '59. (MIRA 13:5)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zaveduyushchiy - F.P. Mayorov) Instituta fiziologii im. I.P. Pavlova AN SSSR.
(MENTAL SUGGESTION)

KOROTKIKH, P.I. [Karotkikh, P.I.] (Chechersk, Gomel'skaya oblast')

A mother's opinion. Rab.i sial. 35 no.1:15 Ja '59. (MIRA 12:3)
(Education)

KOROTKIN, I.I.; SUSLOVA, M.M.

Comparative study of the action of suggestion made during a state of alertness and during hypnosis. Zhur. vys. nerv. deiat. 10 no.2: 173-179 Mr-Ap '60. (MIRA 14:5)

1. Laboratory of Physiology and Pathology of Higher Nervous Activity, Pavlos Institute of Physiology, U.S.S.R. Academy of Sciences, Leningrad.
(HYPNOSIS) (MENTAL SUGGESTION) (CONDITIONED RESPONSE)

KOROTKIN, I.I.; SUSLOVA, M.M.

Localization of conditioned inhibition during suggestion in hypnosis. Report No.1: Localization of conditioned inhibition beyond the range of the cortical center of conditioned stimulation. Trudy Inst. fiziol. 10:41-50 '62 (MIRA 17:3)

Localization of conditioned inhibition during suggestion in hypnosis. Report no.2: Irradiation of inhibition toward the cortical center of conditioned stimulation. Ibid.:51-62

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zav. - F.P.Mayorov) Instituta fiziologii imeni Pavlova AN SSSR.

PHASE I BOOK EXPLOITATION SOV/4468

Korotkin, Isaak Moiseyevich

Boyevyye povrezhdeniya nadvodnykh korabley (Combat Damage to Surface Vessels) Leningrad, Sudpromgiz, 1960. 301 p. 3,300 copies printed. Scientific Ed.: A.M. Breyev; Ed.: Yu.S. Kazarov; Tech. Ed.: L.M. Shishkova.

PURPOSE This book is intended for shipbuilders, Navy personnel, and related educational institutions.

COVERAGE: The book contains a systematized and generalized discussion of 102 instances of losses and damage to non-Soviet aircraft carriers, battleships, cruisers and destroyers during the Second World War. A description of the effects of the atomic explosions in air and under water in postwar experiments is included. Fundamental conclusions on the effectiveness of various types of ammunition, structural means of ensuring combat capacity of vessels of the classes mentioned, and experience gained by crews working for the survival of their ships are given. The following researchers and authors are mentioned: Academician A.N. Krylov, N.N. Kuteynikov, K.P. Puzyrevskiy, V.P. Kostenko, L.A. Gordon, and N.Ya. Mal'tsev. The author thanks A.M. Breyev, V.P. Kolyanov and V.V. Ashik for assistance. There

Card 1/10

KOROTKIN, Isaak Moiseyevich; SLEPENKOV, Zakhar Fedorovich; KOLYZAYEV, Boris Aleksandrovich; VYZVILKO, S.A., red.

[Aircraft carriers] Avianostsy. Moskva, Voenizdat, 1964. 274 p. (MIRA 17:12)

IZRAITEL', S.A., otv. red.; SKURAT, V.K., otv. red.; ZUBAREV, S.N., otv. red.; MOISEYEV, S.L., otv. red.; ASTAF'YEVA, A.V., kand. tekhn. nauk, red.; VAS'KOVSKIY, Ye.L., red.; VISHNEVSKIY, Ye.L., red.; KRIVTSOV, B.S., red.; KOROTKIN, I.N., red.; MITROFANOV, S.I., doktor tekhn. nauk, red.; NORKIN, V.V., kand. tekhn. nauk, red.; NIKITIN, A.A., red.; RUDNEV, A.P., red.; SLASTUNOV, V.G., red.; TKACHEV, F.A., red.; RAUKHVARGER, Ye.L., kand. tekhn. nauk, red.; FEOKTISTOV, A.T.[deceased], red.; ZAYTSEV, A.P., red.

[Safety regulations for the dressing and sintering of ferrous and nonferrous metal ores] Pravila bezopasnosti pri obogashchenii i aglomeratsii rud tsvetnykh i chernykh metallov. Moskva, Nedra, 1964. 106 p. (MIRA 18:4)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennyy komitet po nadzoru za bezopasnym vedeniyem v promyshlennosti i gornomu nadzoru.

GORIN, I.A., inzh., red.; KOROTKIN, L.M., inzh., red.; IFTINKA, G.A., red.izd-va; RODIONOVA, V.M., tekhn. red.

[Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroiizdat. Pt.2. Sec.P. ch.1.[Warehouses and structures for general purposes; design standards] Skladskie zdaniia i sooruzheniia obshchego naznacheniia; normy proektorovaniia (SNiP II-P. 1-62). 1963. 7 p. (MIRA 16:10)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Gostroy SSSR (for Gorin). 3. Gosudarstvennyy proyektnyy institut No.6 Glavnogo upravleniya proyektnykh rabot Ministerstva stroitel'stva SSSR (for Korotkin).

(Building--Standards)

KOROTKIN, N. I.

UTERUS - CANCER

Cancer of the certix uteri. Fel'd. i akush. No. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952, Uncl.

KOROTKIN, N. I.

RT-1394 [Investigation of the higher nervous activity during the somnambulant phase of hypnosis at various depths of hypnotic sleep] Issledovanie vysshei nervnoi deiatel'nosti v somnabulisticheskoi faze gipnoza pri razlichnoi glubine gipnoticheskogo sna.
Fiziologicheskii Zhurnal SSSR, 39(4): 423-431, 1953.

KOROTKIN, V.G.

Calculation of groundwork for right-angled foundations. Trudy Len.politekh.inst. no.4:60-71 '47. (MLRA 6:8)
(Foundations)

KOROTKIN, V. G.

Soils (Engineering)

V. N. Maslov's suggestions on problems of compressing clay soils, Gidr. stroi., 21, No. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1952, Uncl.

KOROTKIN, V.G

AID P - 3951

Subject : USSR/Hydr. Eng.

Card 1/1 Pub. 35 - 15/19

Author : Korotkin, V. G., Kand. Tech. Sci.

Title : On V. N. Maslov's articles dealing with subsequent solidification of clayey soils.

Periodical : Gidr. stroi., 7, 42, 1955

Abstract : The author criticizes V. N. Maslov's articles published in No. 6, 1952 issue of this periodical and maintains that the mathematical formula used by the latter is erroneous.

Institution : None

Submitted : No date

KOROTKIN, V.G.

Using the theory of elasticity in calculating the strength of water-saturated foundations. Trudy LPI no.178:266-293 '55. (MIRA 10:11)

(Foundations) (Elasticity)

KOROTKIN, V.G.

Determining stresses in a water-saturated foundation while loaded with a concentrated force. Trudy LPI no.178:294-304 '55. (MIRA 10:11)
(Foundations) (Elasticity)

KOROTKIN, V.G.

GOL'BERG, A.M., kandidat tekhnicheskikh nauk.; KOROTKIN, V.G., kandidat tekhnicheskikh nauk.

Investigation of the strength of sluice elements. Gidr. stroi 26 no.2:27-32 F '57. (MLRA 10:4)
(Sluices)

PHASE I BOOK EXPLOITATION SOV/4042

Leningrad. Universitet

Polyarizatsionno-opticheskiy metod issledovaniya napryazheniy; trudy konferentsii 13-21 fevralya 1958 goda (Optical Polarization Method for Stress Analysis; Transactions of the Conference of February 13-21, 1958). [Leningrad] Izd-vo Leningradskogo univ., 1960. 451 p. Errata slip inserted. 2,400 copies printed.

Resp. Ed.: S.P. Shikhobalov; Ed.: Ye.V. Shchemeleva; Tech. Ed.: S.D. Vodolagina; Editorial Board: S.G. Gutman, L.N. Kachanov, V.M. Krasnov, T.D. Maksutova, N.I. Prigorovskiy, V.M. Proshko, N.S. Rozanov, and Ye.I. Edel'shteyn.

PURPOSE: This collection of 58 articles is intended for scientists and engineers concerned with experimental stress analysis of machine parts and structural components.

COVERAGE: The collection contains reports presented at the conference on optical polarization methods in stress analysis held February 13 - 21, 1958, in Leningrad and attended by 324 delegates including representatives of the People's Republic of China, the Polish People's Republic, the German Democratic Republic, and the Republic of Czechoslovakia. The reports discuss general theoretical problems and new methods of investigation and describe apparatus and materials used in the optical method. Solutions of specific two-dimensional and three-dimensional problems occurring in shipbuilding, aircraft design, engine construction, in various branches of heavy and precision machine design, in mining, metallurgy, hydraulic structures, railroad transport, in structural mechanics, geodynamics, in the control of stresses in products of the glass and electronic industry, etc., are given. Solution of the three-dimensional problem by means of the method of photoelasticity is introduced and the use of this method for the solution of problems associated with plasticity, creep, dynamics, hydrodynamics, etc., is demonstrated. Reports previously published elsewhere are printed here in abbreviated form. No personalities are mentioned. References are found at the end of 47 of the reports.

Optical Polarization Method (Cont.) SOV/4042

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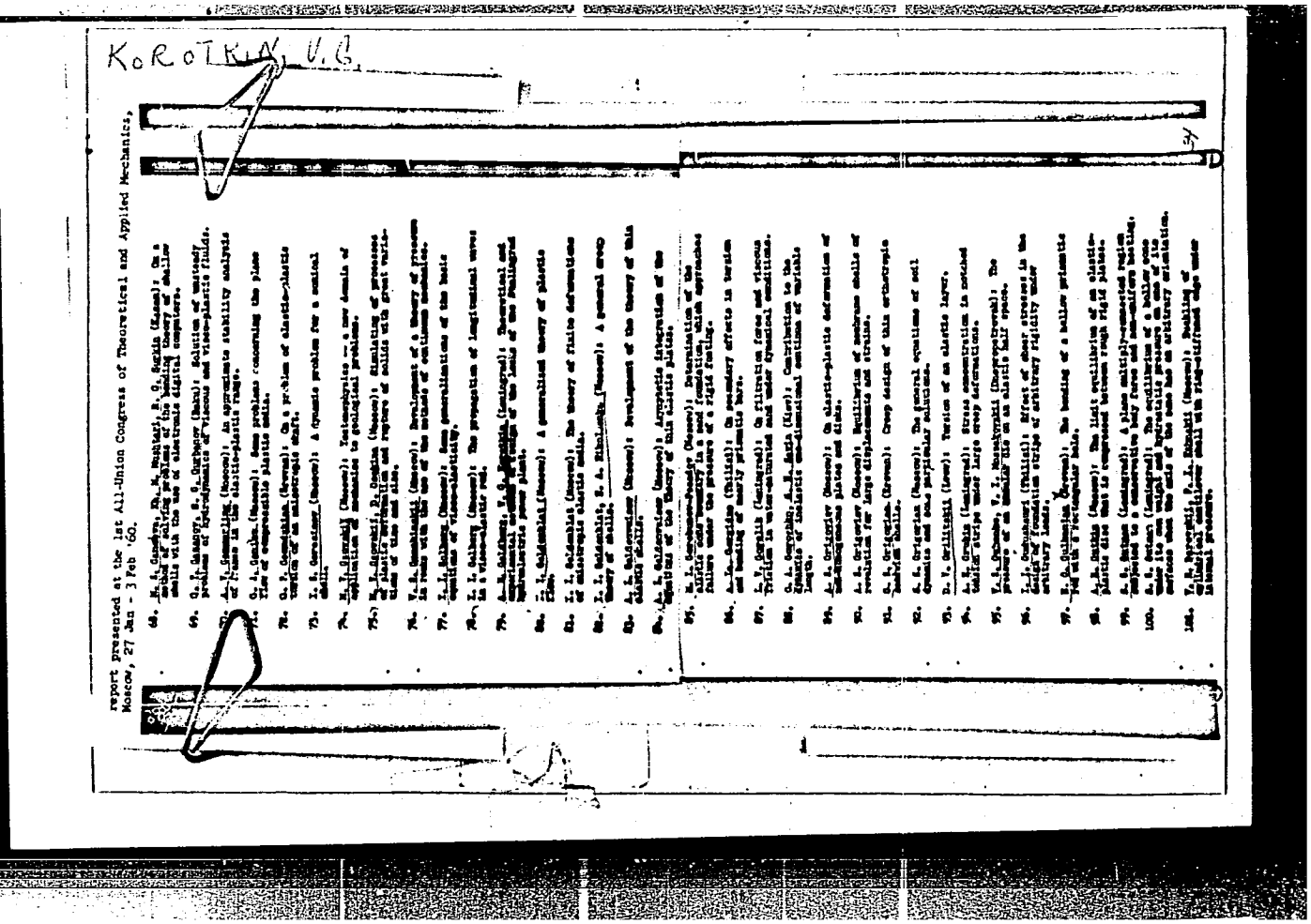
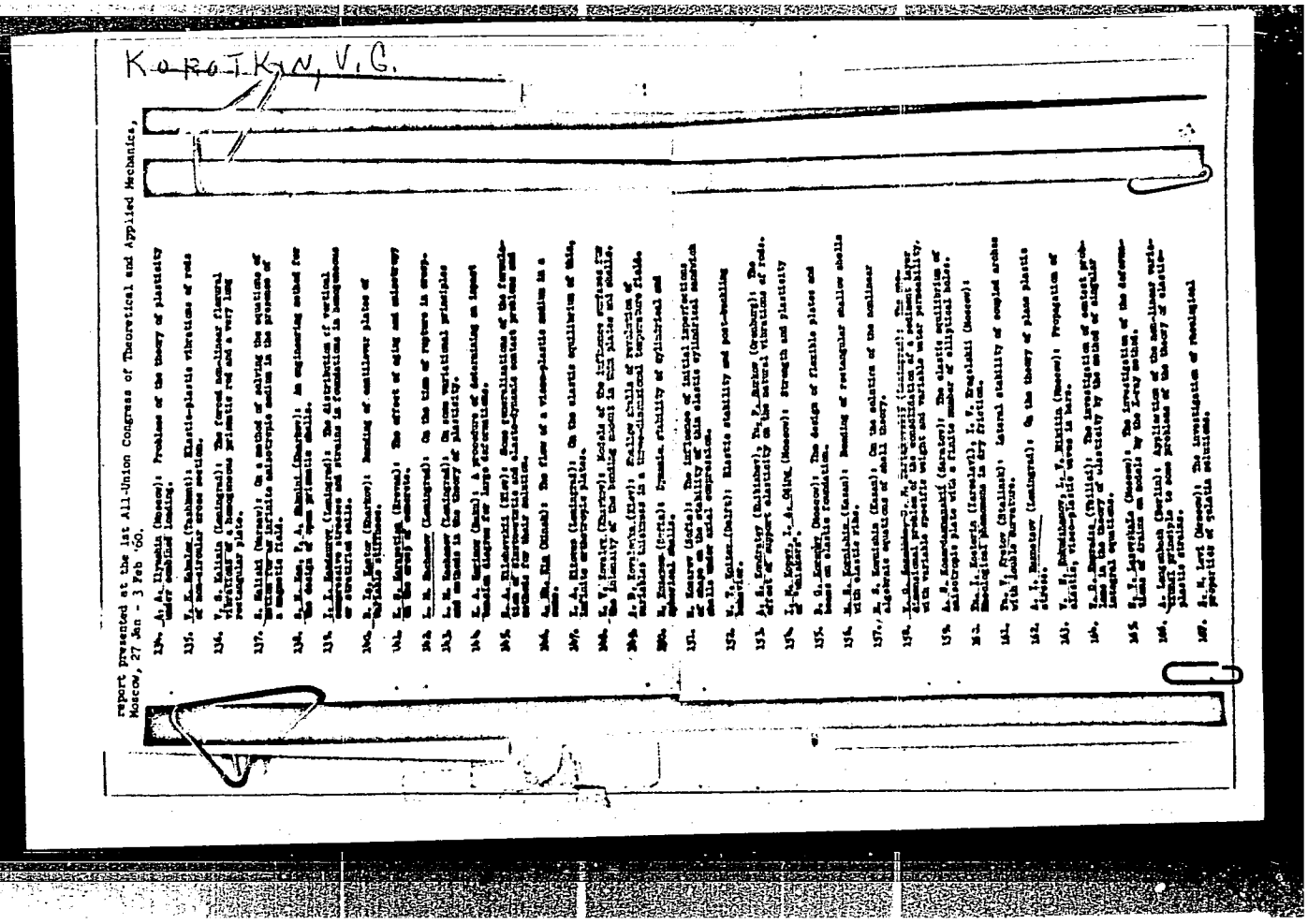


KOROTKIN, V.G.

report presented at the 1st All-Union Congress of Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb '60.



KOROTKIN, V.G.

report presented at the 1st All-Union Congress of Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb '60.

KOROTKIN, V.G., kand.tekhn.nauk, TARTAKOVSKIY, D.M., kand.tekhn. nauk

Determining the pressure exerted on earth dams by compacting sediments. Gidr. stroi. 30 no.6:35-40 Je '60. (MIRA 13:7)

(Dams)

KOROTKIN, V.G., kand.tekhn.nauk; TARTAKOVSKIY, D.M., kand.tekhn.nauk

One-dimensional problem of the compaction of saturated soil with its varying characteristics. Gidr.stroi. 32 no.9:34-36 S '62. (MIRA 16:2)

(Soil stabilization)

KOROTKIN, V.G., kand.tekhn.nauk; TARTAKOVSKIY, D.M., kand.tekhn.nauk

Some problems of the design and calculations for high core dams. Gidr.stroi. 33 no.4:32-37 Ap '63. (MIRA 16:4)
(Dams--Design and construction)

ROSLIVKER, Ye.G.; KOROTKIN, V.I.

Cutting straight bevel gears with elliptoid teeth. Stan. i instr. 34 no.8:14-17 Ag '63. (MIRA 16:10)

KOROTKIN, V.I.

Lack of response of straight-tooth bevel gears with barrel shaped teeth to the skewing of axles. Stan. i instr. 35 no.12:5-7 D '64 (MIRA 18:2)